

Amendments to the Claims

The following listing of claims replaces all prior versions and listings of claims in this application:

Claims 1-35 (Cancelled).

36. (Currently Amended) A ~~modular~~ wireless network of multiple network components which may be added or removed modularly for generating for providing personal data, current performance data, feedback and training performance tracking data of an athlete of training performance for an athlete, comprising:

a heart rate data sensor device that is adapted to be worn on an athlete's chest during mobile athletic activity and is configured to wirelessly transmit a heart rate output that is representative of a current heart rate of the athlete;

a speed data sensor device that is adapted to be in a physical relationship with the athlete in which the speed data sensor device moves with the athlete's mobile athletic activity and is configured to receive Global Positioning System (GPS) information, and to wirelessly transmit a speed of movement output that is representative of the current speed of movement of the athlete;

a display device that is adapted to be worn on the wrist of the athlete and is configured to receive the heart rate output and the speed of movement output, and to display the current heart rate identified by the heart rate data sensor device and the current speed of movement identified by the speed data sensor; and

a storage device that is adapted to be in a physical relationship with the athlete in which the storage device moves with the athlete's mobile athletic activity and is configured to receive the current heart rate output from the heart rate data sensor device and the current speed of movement output from the speed data sensor device and to store a log of data representative of the current heart rate and the current speed of movement for tracking the mobile athletic activity for different sets.

37. (Previously Presented) The network of claim 36 wherein the storage device is adapted to be clipped to the athlete's clothing.

38. (Previously Presented) The network of claim 36 wherein the storage device is adapted to be carried in a pocket of an article of clothing worn by the athlete.
39. (Previously Presented) The network of claim 36 wherein the storage device is further configured to operatively communicate with a personal computer of the athlete to download logged data.
40. (Previously Presented) The network of claim 36 wherein the display device is configured to display the current time and date.
41. (Previously Presented) The network of claim 36 wherein the speed data sensor is configured to wirelessly transmit geographic location information based on the GPS information.
42. (Previously Presented) The network of claim 41 wherein the storage device is configured to log geographic location information of the athlete when the geographic location information is received from the speed data sensor.
43. (Previously Presented) The network of claim 36 wherein the display device is programmable to switch the display device to receive the current heart rate output from another heart rate data sensor device and to switch the storage device to receive the current speed of movement output from another speed data sensor device.
44. (Previously Presented) The network of claim 36 wherein the storage device comprises random access memory for storing the logged information.
45. (Previously Presented) The network of claim 36 wherein the storage device is programmable to be switched to receive the current heart rate output from another heart rate data sensor device and programmable to be switched to receive the current speed of movement output from another speed data sensor device.

46. (Previously Presented) The network of claim 45 wherein the storage device is user-programmable to receive the current heart rate output from a different heart rate data sensor.

47. (Previously Presented) The network of claim 45 wherein the storage device is user-programmable to receive the speed of movement output from a different speed data sensor.

48. (Previously Presented) The network of claim 36 further comprising additional data sensor devices that are each adapted to be in a physical relationship with the athlete in which the additional data sensor devices move with the athlete's mobile athletic activity, and wherein the storage device and the display device are programmable to receive outputs from the additional sensor devices and to respectively display and store information representative of the additional outputs.

49. (Previously Presented) The network of claim 36 wherein the speed data sensor device is further configured to transmit a distance output that is representative of a distance traveled by the athlete.

50. (Currently Amended) A modular personal network of multiple network components which may be added or removed modularly for generating personal data for use by a user, comprising:

a global positioning system device configured to be worn or carried by the user comprising a GPS receiver configured to receive information from global positioning system satellites and a first wireless transmitter configured to send information received using the GPS receiver;

a heart rate monitor configured to be worn by the user comprising a heart sensing device configured to detect the user's heart beats and a second wireless transmitter configured to send information about the sensed heart beats;

a user interface device configured to be worn on the user's wrist comprising a first wireless receiver configured to receive information from another device worn or carried by the user and a display device configured to display information received by the first wireless receiver; and

a data-logging device configured to be worn or carried by the user comprising a second wireless receiver configured to receive information transmitted from another device worn or carried by the user and a memory device configured to store information received by the second wireless receiver.

51. (Previously Presented) The modular personal network of claim 50 wherein the user interface device is configured to display position information received from the global positioning system receiver on the display device.

52. (Previously Presented) The modular personal network of claim 50 wherein the user interface device is configured to display speed information received from the global positioning system receiver on the display device.

53. (Previously Presented) The modular personal network of claim 50 wherein the user interface device is configured to display heart rate information received from the heart rate monitor on the display device.

54. (Previously Presented) The modular personal network of claim 50 wherein the user interface device is configured to allow the display of information from devices designed after the manufacture of the user interface device.

55. (Previously Presented) The modular personal network of claim 50 wherein the data-logging device is configured to store position information received from the global positioning system receiver in the memory device.

56. (Previously Presented) The modular personal network of claim 50 wherein the data-logging device is configured to store speed information received from the global positioning system receiver in the memory device.

57. (Previously Presented) The modular personal network of claim 50 wherein the data-logging device is configured to store heart rate information received from the heart rate monitor in the memory device.

58. (Previously Presented) The modular personal network of claim 50 wherein the data-logging device is configured to allow the storing of information from devices designed after the manufacture of the data-logging device.

59. (Previously Presented) The modular personal network of claim 50 further comprising a computer and a connection path in which information stored in the data-logging device is sent to the computer using the connection path.

60. (Previously Presented) The modular personal network of claim 59 further comprising a software application configured to display information received from the data-logging device.

61. (Previously Presented) The modular personal network of claim 60 wherein the information displayed by the software application comprises information received by the data-logging device from a plurality of other devices.

62. (Previously Presented) The modular personal network of claim 61 wherein the information displayed by the software application comprises heart rate information and speed information.

Claims 63-64 (Cancelled).

65. (Currently Amended) A method of displaying personal data on a personal computer with a software application, the personal data generated by a network of multiple network components which may be added or removed modularly, comprising:

receiving at the personal computer heart rate data collected by a first wireless device worn by a user,

receiving at the personal computer speed data collected by a second wireless device worn or carried by the user,

and simultaneously displaying the received heart rate data and the received speed data using the personal computer.

66-67 (Cancelled)

68. (Currently Amended) .A method of displaying personal data on a personal computer with a software application, the personal data generated by a network of multiple network components which may be added or removed modularly, comprising:

receiving at the personal computer heart rate data and speed data collected by a wireless device worn by a user, and

simultaneously displaying the received heart rate data and the received speed data using the personal computer.

69 -71 (Cancelled)

72. (Previously Presented) The network of claim 36, wherein the current speed of movement and GPS information are used to guide the athlete by displaying guidance on the display device.

73. (Previously Presented) The network of claim 72, wherein the guidance comprises position, elevation, and speed information.

74. (Previously Presented) The network of claim 72, wherein the guidance comprises providing route guidance using the display device.

75. (Previously Presented) The network of claim 72, further comprising means for logging position data measured by the speed sensor monitor at intervals while following the route, saving the logged position data, and using the saved data for later guidance of the user while the user is wearing or carrying the position monitor.

76. (Previously Presented) The network of claim 75, wherein the guidance comprises recommending an athletic training route based on desired workout parameters.
77. (Previously Presented) The network of claim 72, wherein the guidance comprises comparing personal data collected during multiple sessions.
78. (Previously Presented) The network of claim 72, further comprising means for collecting and annotating position information with text, audio, video, and personal data.
79. (Previously Presented) The network of claim 50, wherein the current speed of movement and GPS information are used to guide the athlete by displaying guidance on the display device.
80. (Previously Presented) The network of claim 79, wherein the current speed of movement and GPS information are used to guide the athlete by displaying guidance on the display device
81. (Previously Presented) The modular personal network of claim 79, wherein the guidance comprises position, elevation, and speed information.
82. (Previously Presented) The modular personal network of claim 79, wherein the guidance comprises providing route guidance using the display device.
83. (Previously Presented) The modular personal network of claim 82, further comprising means for logging the position data measured by the position monitor at intervals while following the route, saving the logged position data, and using the saved data for later guidance of the user while the user is wearing or carrying the position monitor.
84. (Previously Presented) The modular personal network of claim 79, wherein the guidance comprises recommending an athletic training route based on desired workout parameters.
85. (Previously Presented) The modular personal network of claim 79, wherein the guidance comprises comparing personal data collected during multiple sessions.

86. (Previously Presented) The modular personal network of claim 79, further comprising means for collecting and annotating position information with text, audio, video, and personal data.

87. (Previously Presented) The modular wireless network of claim 36 wherein the speed of movement output is position data.

88. (Previously Presented) The modular wireless network of claim 36 wherein the modular wireless network comprises a modular personal network.

89. (Previously Presented) The modular personal network of claim 50 wherein the global positioning system device, the heart rate monitor, the user interface device, and the data-logging device are modular with respect to one another.